NATURAL RESOURCES CONSERVATION SERVICE (NRCS)

OH-ENG-233s
03/00

ANNUAL LIVESTOCK DEATH LOSS CALCULATIONS (Swine)

Landowner:		County:	
Designer:	Date:	Checked:	Date:

Typical Mortality Losses for Swine Production (%)

Stage of Growth	Average Wt. (Lbs.)	Design Wt (Lbs.)	Excellent	Good	Poor
Birth to Weaning	6	10	Under 10	10 - 12	Over 12
Nursery	24	35	Under 2	2 – 4	Over 4
Growing \ Finishing	140	220	Under 2	2 – 4	Over 4
Breeding Herd	350	350	Under 2 / yr	2 – 5 / yr	Over 5 / yr

Source: Pork Industry Handbook – 100; for breeding herd the mortality % is an annual rate for the average number of head on the farm

PRODUCTION

NUMBER OF PIGS BORN PER YEAR (Pre-Weaning):

_____X _____X _____= _____
(#sows) (litters/yr.) (pigs/litter) #pigs born/year

NUMBER OF NURSERY PIGS PER YEAR:

_____ - (_____ x _____) = _____
(#pigs born/yr.) (#pigs born/yr.) (% loss/100) #nursery pigs/yr.

NUMBER OF FINISHING HOGS PER YEAR

_____ - (_____ x _____) = _____
(#nursery pigs/yr.) (#nursery pigs/yr.) (% loss/100) #finishing hogs/yr.

TOTAL POUNDS DEATH LOSS PER YEAR (use "**average weight**" to calculate death loss)

_____ x _____ x_____= _____
(# sows + gilts+ boars) (Avg. Wt.) (% loss/100) (Lbs. loss/year)

_____ x _____ x_____= _____
(# pigs born/ yr.) (Avg. Wt.) (% loss/100) (Lbs. loss/year)

_____ x _____ x_____= _____
(# nursery pigs/ yr.) (Avg. Wt.) (% loss/100) (Lbs. loss/year)

_____ x _____ x_____= _____
(# finish hogs/ yr.) (Avg. Wt.) (% loss/100) (Lbs. loss/year)

TOTAL LBS DEATH LOSS/YEAR = _____

AVERAGE DEATH LOSS PER DAY =_____/ 365 = _____
(TOTAL LBS DEATH LOSS/YEAR) (LBS DEATH LOSS/DAY)